

0570  
0514

# 5



OIPE

## RAW SEQUENCE LISTING

DATE: 05/16/2002

PATENT APPLICATION: US/09/922,568

TIME: 14:04:50

Input Set : N:\Crf3\RULE60\09922568.raw

Output Set: N:\CRF3\05162002\I922568.raw

## SEQUENCE LISTING

1 (1) GENERAL INFORMATION:  
2 (i) APPLICANT: Baron, U. et al.  
3 (ii) TITLE OF INVENTION: TRANSCRIPTIONAL ACTIVATORS WITH GRADED  
4 TRANSACTIVATION POTENTIAL  
5 (iii) NUMBER OF SEQUENCES: 14  
6 (iv) CORRESPONDENCE ADDRESS:  
7 (A) ADDRESSEE: LAHIVE & COCKFIELD, LLP  
8 (B) STREET: 28 State Street  
9 (C) CITY: Boston  
10 (D) STATE: Massachusetts  
11 (E) COUNTRY: USA  
12 (F) ZIP: 02109  
13 (v) COMPUTER READABLE FORM:  
14 (A) MEDIUM TYPE: Floppy disk  
15 (B) COMPUTER: IBM PC compatible  
16 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
17 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25  
18 (vi) CURRENT APPLICATION DATA:  
C--> 19 (A) APPLICATION NUMBER: US/09/922,568  
C--> 20 (B) FILING DATE: 01-Apr-2002  
21 (C) CLASSIFICATION:  
23 (vii) PRIOR APPLICATION DATA:  
24 (A) APPLICATION NUMBER: US/09/577,027  
25 (B) FILING DATE: 23-May-2000  
29 (viii) ATTORNEY/AGENT INFORMATION:  
30 (A) NAME: Kara, Catherine J.  
31 (B) REGISTRATION NUMBER: 41,106  
32 (C) REFERENCE/DOCKET NUMBER: BBI-088CPA  
33 (ix) TELECOMMUNICATION INFORMATION:  
34 (A) TELEPHONE: (617)227-7400  
35 (B) TELEFAX: (617)742-4214  
36 (2) INFORMATION FOR SEQ ID NO: 1:  
37 (i) SEQUENCE CHARACTERISTICS:  
38 (A) LENGTH: 12 amino acids  
39 (B) TYPE: amino acid  
40 (D) TOPOLOGY: linear  
41 (ii) MOLECULE TYPE: peptide  
42 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
43 Ala Asp Ala Leu Asp Asp Phe Asp Leu Asp Met Leu  
44 5 10  
46 (2) INFORMATION FOR SEQ ID NO: 2:  
47 (i) SEQUENCE CHARACTERISTICS:

ENTERED

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/922,568

DATE: 05/16/2002

TIME: 14:04:50

Input Set : N:\Crf3\RULE60\09922568.raw

Output Set: N:\CRF3\05162002\I922568.raw

```

48      (A) LENGTH: 12 amino acids
49      (B) TYPE: amino acid
50      (D) TOPOLOGY: linear
51      (ii) MOLECULE TYPE: peptide
52      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
53      Ala Asp Ala Leu Asp Asp Gly Asp Leu Asp Met Leu
54              5              10
56 (2) INFORMATION FOR SEQ ID NO: 3:
57      (i) SEQUENCE CHARACTERISTICS:
58          (A) LENGTH: 12 amino acids
59          (B) TYPE: amino acid
60          (D) TOPOLOGY: linear
61      (ii) MOLECULE TYPE: peptide
62      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
63      Ala Asp Ala Leu Asp Asp Tyr Asp Leu Asp Met Leu
64              5              10
66 (2) INFORMATION FOR SEQ ID NO: 4:
67      (i) SEQUENCE CHARACTERISTICS:
68          (A) LENGTH: 25 amino acids
69          (B) TYPE: amino acid
70          (D) TOPOLOGY: linear
71      (ii) MOLECULE TYPE: peptide
72      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
73      Ala Asp Ala Leu Asp Asp Gly Asp Leu Asp Met Leu Pro Ala Asp Ala
74              5              10              15
75      Leu Asp Asp Gly Asp Leu Asp Met Leu
76              20              25
78 (2) INFORMATION FOR SEQ ID NO: 5:
79      (i) SEQUENCE CHARACTERISTICS:
80          (A) LENGTH: 25 amino acids
81          (B) TYPE: amino acid
82          (D) TOPOLOGY: linear
83      (ii) MOLECULE TYPE: peptide
84      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
85      Ala Asp Ala Leu Asp Asp Phe Asp Leu Asp Met Leu Pro Ala Asp Ala
86              5              10              15
87      Leu Asp Asp Gly Asp Leu Asp Met Leu
88              20              25
90 (2) INFORMATION FOR SEQ ID NO: 6:
91      (i) SEQUENCE CHARACTERISTICS:
92          (A) LENGTH: 25 amino acids
93          (B) TYPE: amino acid
94          (D) TOPOLOGY: linear
95      (ii) MOLECULE TYPE: peptide
96      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
97      Ala Asp Ala Leu Asp Asp Gly Asp Leu Asp Met Leu Pro Ala Asp Ala
98              5              10              15
99      Leu Asp Asp Phe Asp Leu Asp Met Leu
100             20              25

```

## RAW SEQUENCE LISTING

DATE: 05/16/2002

PATENT APPLICATION: US/09/922,568

TIME: 14:04:50

Input Set : N:\Crif3\RULE60\09922568.raw

Output Set: N:\CRF3\05162002\I922568.raw

```

102 (2) INFORMATION FOR SEQ ID NO: 7:
103     (i) SEQUENCE CHARACTERISTICS:
104         (A) LENGTH: 38 amino acids
105         (B) TYPE: amino acid
106         (D) TOPOLOGY: linear
107     (ii) MOLECULE TYPE: peptide
108     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
109     Ala Asp Ala Leu Asp Asp Phe Asp Leu Asp Met Leu Pro Ala Asp Ala
110             5              10              15
111     Leu Asp Asp Gly Asp Leu Asp Met Leu Pro Ala Asp Ala Leu Asp Asp
112             20              25              30
113     Tyr Asp Leu Asp Met Leu
114             35
116 (2) INFORMATION FOR SEQ ID NO: 8:
117     (i) SEQUENCE CHARACTERISTICS:
118         (A) LENGTH: 38 amino acids
119         (B) TYPE: amino acid
120         (D) TOPOLOGY: linear
121     (ii) MOLECULE TYPE: peptide
122     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
123     Ala Asp Ala Leu Asp Asp Gly Asp Leu Asp Met Leu Pro Ala Asp Ala
124             5              10              15
125     Leu Asp Asp Phe Asp Leu Asp Met Leu Pro Ala Asp Ala Leu Asp Asp
126             20              25              30
127     Tyr Asp Leu Asp Met Leu
128             35
130 (2) INFORMATION FOR SEQ ID NO: 9:
131     (i) SEQUENCE CHARACTERISTICS:
132         (A) LENGTH: 39 base pairs
133         (B) TYPE: nucleic acid
134         (C) STRANDEDNESS: single
135         (D) TOPOLOGY: linear
W--> 136     (ii) MOLECULE TYPE: oligonucleotide
137     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
138     CCGGCCGACG CCCTGGACGA CTTCGACCTG GACATGCTG 39
140 (2) INFORMATION FOR SEQ ID NO: 10:
141     (i) SEQUENCE CHARACTERISTICS:
142         (A) LENGTH: 79 base pairs
143         (B) TYPE: nucleic acid
144         (C) STRANDEDNESS: single
145         (D) TOPOLOGY: linear
W--> 146     (ii) MOLECULE TYPE: oligonucleotide
147     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
148     CCGGCCGACG CCCTGGACGA CGGCGACCTG GACATGCTGC CTGCTGATGC TCTCGATGAT 60
149     TTGATCTCG ATATGCTCC 79
151 (2) INFORMATION FOR SEQ ID NO: 11:
152     (i) SEQUENCE CHARACTERISTICS:
153         (A) LENGTH: 79 base pairs
154         (B) TYPE: nucleic acid

```

## RAW SEQUENCE LISTING

DATE: 05/16/2002

PATENT APPLICATION: US/09/922,568

TIME: 14:04:50

Input Set : N:\Crif3\RULE60\09922568.raw

Output Set: N:\CRF3\05162002\I922568.raw

```

155         (C) STRANDEDNESS: single
156         (D) TOPOLOGY: linear
W--> 157     (ii) MOLECULE TYPE: oligonucleotide
158     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
159     CCGGCCGACG CCCTGGACGA CTTGACCTG GACATGCTGC CTGCTGATGC TCTCGATGAT 60
160     GGCGATCTCG ATATGCTCC 79
162 (2) INFORMATION FOR SEQ ID NO: 12:
163     (i) SEQUENCE CHARACTERISTICS:
164         (A) LENGTH: 79 base pairs
165         (B) TYPE: nucleic acid
166         (C) STRANDEDNESS: single
167         (D) TOPOLOGY: linear
W--> 168     (ii) MOLECULE TYPE: oligonucleotide
169     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
170     CCGGCCGACG CCCTGGACGA CGGCGACCTG GACATGCTGC CTGCTGATGC TCTCGATGAT 60
171     GGCGATCTCG ATATGCTCC 79
173 (2) INFORMATION FOR SEQ ID NO: 13:
174     (i) SEQUENCE CHARACTERISTICS:
175         (A) LENGTH: 39 base pairs
176         (B) TYPE: nucleic acid
177         (C) STRANDEDNESS: single
178         (D) TOPOLOGY: linear
W--> 179     (ii) MOLECULE TYPE: oligonucleotide
180     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
181     CCGGCCGACG CCCTGGACGA CTACGACCTG GACATCCTC 39
183 (2) INFORMATION FOR SEQ ID NO: 14:
184     (i) SEQUENCE CHARACTERISTICS:
185         (A) LENGTH: 17 base pairs
186         (B) TYPE: nucleic acid
187         (C) STRANDEDNESS: single
188         (D) TOPOLOGY: linear
W--> 189     (ii) MOLECULE TYPE: oligonucleotide
190     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
191     CCCGGGTAAC TAAGTAA 17

```

## VERIFICATION SUMMARY

DATE: 05/16/2002

PATENT APPLICATION: US/09/922,568

TIME: 14:04:51

Input Set : N:\Crif3\RULE60\09922568.raw

Output Set: N:\CRF3\05162002\I922568.raw

L:19 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:20 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]  
L:136 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=9  
L:146 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=10  
L:157 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=11  
L:168 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=12  
L:179 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=13  
L:189 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=14